**S3 Table.** Information about candidate genes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene Locus. | Protein | Genomic sequence length | CDS length | Protein length |
| LOC\_Os09g39940.1 | plastocyanin-like domain containing protein, putative, expressed | 958 | 519 | 172 |
| LOC\_Os09g39950.1 | POEI23 - Pollen Ole e I allergen and extensin family protein precursor, expressed | 711 | 504 | 167 |
| LOC\_Os09g39960.1 | dynamin family protein, putative, expressed | 5278 | 1881 | 626 |
| LOC\_Os09g39970.1 | expressed protein | 8389 | 3408 | 1135 |
| LOC\_Os09g39980.1 | ubiquitin family protein, putative, expressed | 3274 | 669 | 222 |
| LOC\_Os09g40000.1 | AGAP005770-PA, putative, expressed | 5208 | 1851 | 616 |